

ABSTRACT OF THE DISCLOSURE

A non-contact optoelectronic system for an automatic vehicle door closure to detect the presence of an obstruction and a method of detecting the presence of the obstruction. The non-contact optoelectronic system includes at least one transmitter for emitting an electromagnetic energy signal and at least one sensor for detecting the electromagnetic energy signal emitted by the at least one transmitter. A control module in communication with the at least one transmitter and at least one sensor monitors and processes the signal interrupts detected by the at least one sensor to sense an obstruction between the at least one transmitter and at least one sensor. The control module generates a motor control signal to stop and open a vehicle door upon detection of an obstruction between the at least one transmitter and at least one sensor.